

Exhibit Name: Indemnity Calculations
Exhibit Number: P21-9, Plan 90
Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2012
Version: Approved
Release Date: 6/30/2011

<u>Insurance Plan Code</u>		90 Actual Production History			
<u>Commodity Code</u>	0012 Blueberries	0047 Dry Beans	0089 Pears	0222 Processing Freestone	
	0013 Onions	0049 Safflower	0092 Fresh Plums	0223 Fresh Freestone Peaches	
	0016 Oats	0052 Table Grapes	0094 Rye	0224 Early & Midseason Oranges	
	0017 Millet	0053 Grapes	0105 Fresh Market Beans	0225 Late Oranges	
	0019 Avocados	0054 Apples	0107 Alfalfa Seed	0226 All Other Grapefruit	
	0022 Cotton Extra Long	0055 Culti Wild Rice	0114 Buckwheat	0228 Ruby Red Grapefruit	
	0023 Macadamia Nuts	0058 Cranberries	0147 Pumpkins	0229 Flue Cured Tobacco	
	0028 Almonds	0059 Silage Sorghum	0156 Sweet Potatoes	0230 Fire Cured Tobacco	
	0029 Walnuts	0060 Figs	0201 Grapefruit	0231 Burley Tobacco	
	0031 Flax	0064 Green Peas	0202 Lemons	0232 Maryland Tobacco	
	0033 Forage Production	0067 Dry Peas	0205 Mandarins	0233 Dark Air Tobacco	
	0034 Peaches	0069 Mustard	0206 Minnelo Tangelos	0234 Cigar Filler Tobacco	
	0036 Prunes	0072 Cabbage	0215 Navel Oranges	0235 Cigar Bindr Tobacco	
	0038 Sugar Cane	0074 Mint	0216 Sweet Oranges	0236 Cigar Wrapper Tobacco	
	0039 Sugar Beets	0075 Peanuts	0217 Valencia Oranges	0237 Orlando Tangelos	
	0042 Sweet Corn	0084 Potatoes	0218 Fresh Apricots	0238 Rio Red & Star Ruby	
	0043 Popcorn	0086 Fresh Tomatoes	0219 Processing Apricots	0255 Banana	
	0046 Canning Beans	0087 Tomatoes	0220 Fresh Nectarines	0256 Coffee	
			0221 Processing Cling Peaches	0257 Papaya	

<u>Calculations</u>	<u>Field Name</u>	<u>Record Number</u>	<u>Field Number</u>	<u>Field Format</u>	<u>Field Rounding</u>	<u>Rules</u>
Section 1: Stage Guarantee Calculation						
Without Acreage Limitation: Guarantee Per Acre1 = Approved Yield * Coverage Level Percent * Stage Percent Factor	Guarantee Per Acre1	Internal		99999999.99	When Unit of Measure equals Pounds, "LBS", then round to whole number. When Unit of Measure equals Tons, "Tons", then round to 2 decimals. Otherwise, round to 1 decimal.	
	Approved Yield	P11	46	99999999.99	None	
	Coverage Level Percent	P14	34	9.9999	None	
	Stage Percent Factor	ICE or P21	TBA	999.99	None	Edit with ICE Stage Factor, "D00069". Onions "0013", only, if stage code equal "1 or 2" percent will be submitted on P21 and verified with ICE Stage Factor, "D00069".

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	Acre Stage Guarantee Amount	P21	36	99999999.99	When Unit of Measure equals Pounds, "LBS", then round to whole number. When Unit of Measure equals Tons, "Tons", then round to 2 decimals. Otherwise, round to 1 decimal.	
	Guarantee Adjustment Factor	P11	75	0.999	None	

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With Acreage Limitation - Onions (when provided by Special Provisions) and Potatoes (Certified Seed) $\text{Guarantee Per Acre1} = \frac{(\text{Approved Yield} * \text{Coverage Level Percent}) * \text{Yield Conversion Factor}}{\text{Stage Percent Factor}}$	Guarantee Per Acre1	Internal		99999999.99	Round to 1 decimal.	
	Approved Yield	P11	46	99999999.99	None	
	Coverage Level Percent	P14	34	9.9999	None	
	Yield Conversion Factor	P11	63	9.999	None	
	Stage Percent Factor	ICE		999.99	None	Edit with ICE Stage Factor, "D00069". Onions "0013", only, if stage code equal "1 or 2" percent will be submitted on P21 and verified with ICE Stage Factor, "D00069".
With Acreage Limitation - Cabbage (except processing), Fresh Market Beans, Sweet Potatoes, and Hawaii Tropical Fruit $\text{Guarantee Per Acre1} = \frac{(\text{Approved Yield} * \text{Coverage Level Percent}) * \text{Yield Conversion Factor}}{\text{Conversion Factor}}$	Guarantee Per Acre1	Internal		99999999.99	When Unit of Measure equals Pounds, "LBS", then round to whole number. Otherwise, round to 1 decimal.	
	Approved Yield	P11	46	99999999.99	None	
	Coverage Level Percent	P14	34	9.9999	None	
	Yield Conversion Factor	P11	63	9.999	None	

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	Acre Stage Guarantee Amount	P21	36	99999999.99	When Unit of Measure equals Pounds, "LBS", then round to whole number. When Unit of Measure equals Tons, "Tons", then round to 2 decimals. Otherwise, round to 1 decimal.	
	Guarantee Adjustment Factor	P11	75	0.999	None	
Section 2: Loss Guarantee Calculation						
Loss Guarantee Amount = $\frac{\text{Acre Stage Guarantee Amount} * \text{Determined Acreage}}{\text{Liability Adjustment Factor}}$	Loss Guarantee Amount	P21	48	99999999.99	When Unit of Measure equals Barrels or Tons then round to 1 decimal. Otherwise, round to whole number.	
	Determined Acreage	P21	17	99999999.99	None	
	Liability Adjustment Factor	P21	39	9.999999	None	

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Section 3: Indemnity Calculation						
Unit Deficiency Quantity = Loss Guarantee Amount – Production to Count Quantity	Unit Deficiency Quantity	P21	47	S99999999.99	Round to 1 decimal	
	Production to Count Quantity	P21	34	99999999.99	None	
Preliminary Indemnity Amount = Unit Deficiency Quantity * Price Election Amount * Stage Price Percent Factor * Insured Share Percent	Preliminary Indemnity Amount	P21	50	S9999999999	Round to whole number.	
	Price Election Amount	P11	49	9999.9999	None	
	Stage Price Percent Factor	ICE		999.99	None	Edit with ICE Stage Factor, "D00069".
	Insured Share Percent	P11	47	9.999	None	
Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	51	S9999999999	Round to whole number.	
	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Section 4: Replant Payment Guarantee Calculation						
When Stage Code equals: Replanted, "R", Replanted Seed, "RS", Replanted Transplant, "RT"						
Guarantee per Acre1 = Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		99999999.99	When Unit of Measure equals Pounds, "LBS", then round to whole number. When Unit of Measure equals Tons, "Tons", then round to 2 decimals. Otherwise, round to 1 decimal.	
	Approved Yield	P11	46	99999999.99	None	
	Coverage Level Percent	P14	34	9.9999	None	

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Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Guarantee Per Acre2 = Guarantee Per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	Internal		99999999.99	When Unit of Measure equals Pounds, "LBS", then round to whole number. When Unit of Measure equals Tons, "Tons", then round to 2 decimals. Otherwise, round to 1 decimal.	
	Guarantee Adjustment Factor	P11	75	0.999	None	
Lesser of: Acre Stage Guarantee = Insured's Actual Cost Amount Or Guarantee Per Acre2 * 0.20 (0.10 for Dry Beans and Sugar Beets, 0.07 for Onions) Or	Acre Stage Guarantee Amount	P21	36	99999999.99	When Unit of Measure equals Pounds, "LBS", then round to whole number. When Unit of Measure equals Tons, "Tons", then round to 2 decimals. Otherwise, round to 1 decimal.	The 'lesser of' amount will be submitted in the Acre Stage Guarantee field.
	Insured's Actual Cost	P21	36	99999999.99		Insured's Actual Cost will be submitted in Acre Stage Guarantee Amount field if lesser of.
	Guarantee Per Acre2	Internal		99999999.99		
	Maximum Replant Guarantee Per Acre	ICE				Edit with ICE "D00129".

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Commodity Code equals Peanuts "0075" Lesser of: Acre Stage Guarantee = Amount Guarantee Per Acre2 * 0.20 * (Price Election Amount or Weighted Average Price) Or Maximum Replant Guarantee Per Acre	Acre Stage Guarantee Amount	P21	36	99999999.99	Round to nearest dollar and cents.	
	Guarantee Per Acre2	Internal		99999999.99		
	Price Election Amount	P11	49	9999.9999	None	
	Maximum Replant Guarantee Per Acre	ICE				Edit with ICE "D00129".
Section 5: Replant Payment Loss Guarantee Calculation						
Loss Guarantee Amount = Acre Stage Guarantee Amount * Determined Acreage * Liability Adjustment Factor	Loss Guarantee Amount	P21	48	99999999.99	When Unit of Measure equals Barrels or Tons, then round to 1 decimal. Otherwise, round to whole number.	
	Determined Acreage	P21	17	99999999.99	None	
	Liability Adjustment Factor	P21	39	9.999999	None	
Section 6: Replant Payment Indemnity Calculation						
Indemnity Amount = Loss Guarantee Amount * Price Election Amount * Insured Share Percent	Indemnity Amount	P21	51	S9999999999	Round to whole number.	
	Price Election Amount	P11		9999.9999	None	
	Insured Share Percent	P11	47	9.999	None	
Commodity Code equals Peanuts "0075" Indemnity Amount = Loss Guarantee Amount * Insured Share Percent	Indemnity Amount	P21	51	S9999999999	Round to whole number.	
	Insured Share Percent	P11	47	9.999	None	